

09535186-032700

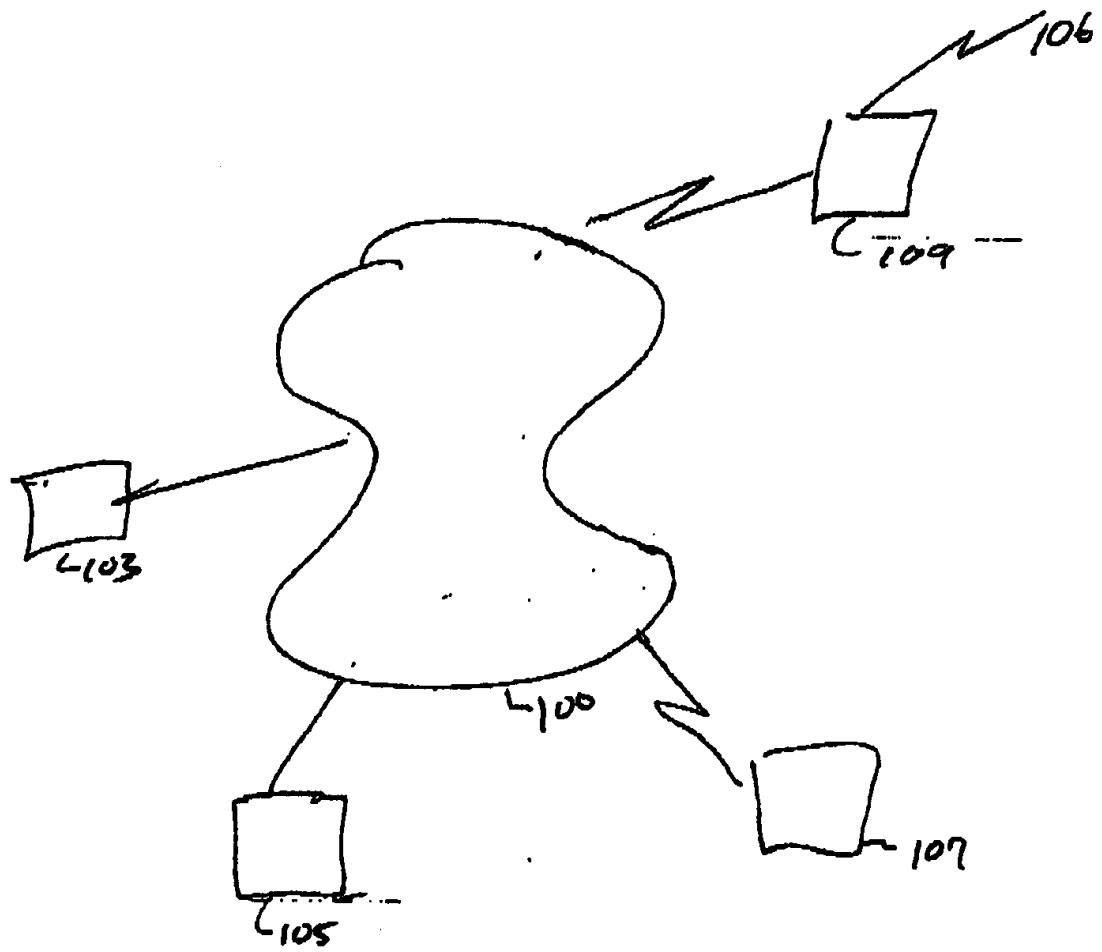


FIG 1

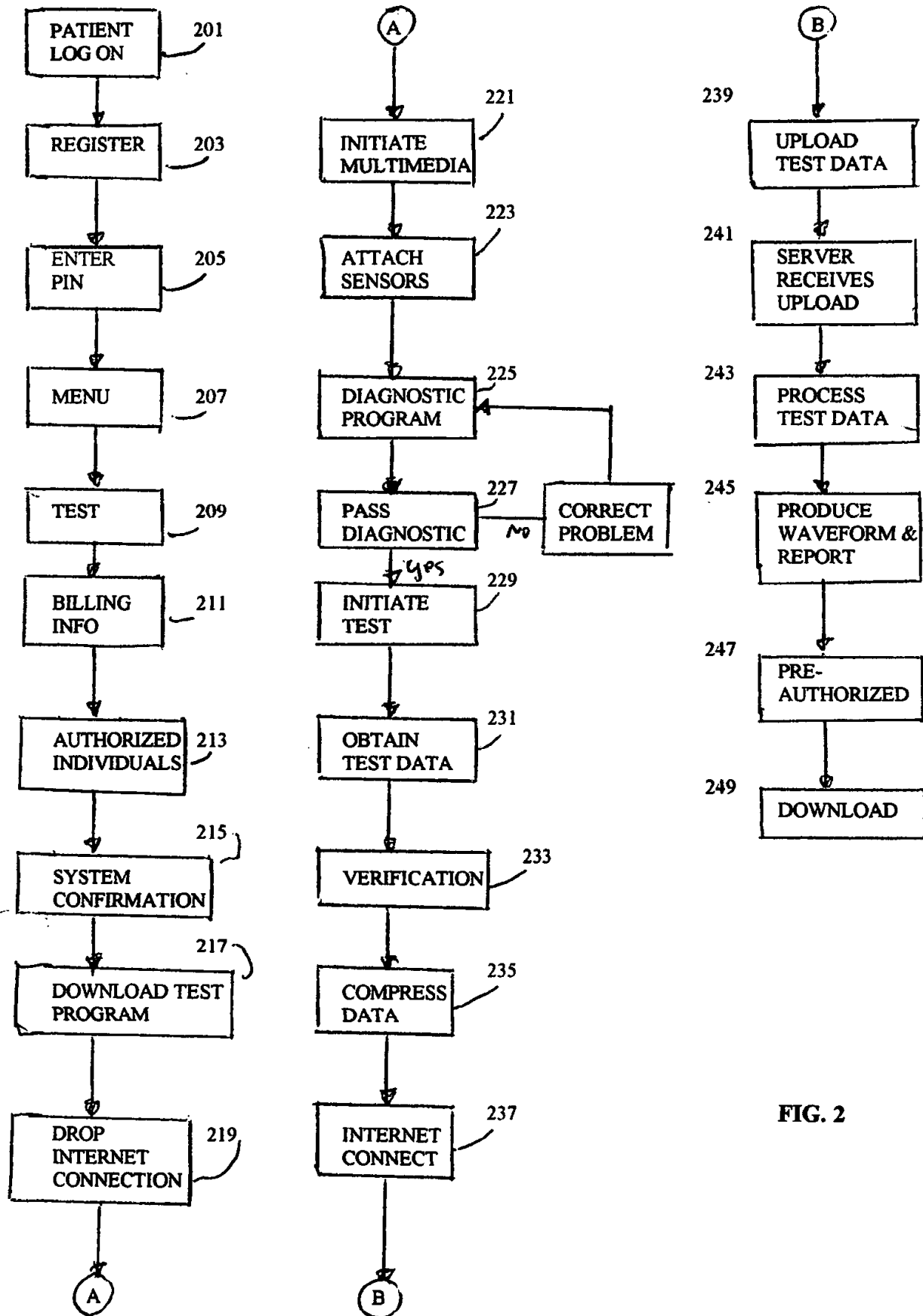


FIG. 2

```

graph TD
    301[LOG ON] --> 303[HOME PAGE]
    303 --> 305[ENTER PIN]
    305 --> 307[PIN LOOK UP]
    307 -- 309 --> RE_REGISTER[RE-REGISTER]
    RE_REGISTER --> REGISTER[REGISTER]
    REGISTER -- 311 --> REGISTER
    REGISTER --> 313[ACCESS GRANTED]
    307 --> 313
    313 --> 315[MENU]
    315 --> 317[DOWNLOAD TEST]
    317 --> 319[DROP INTERNET]
  
```

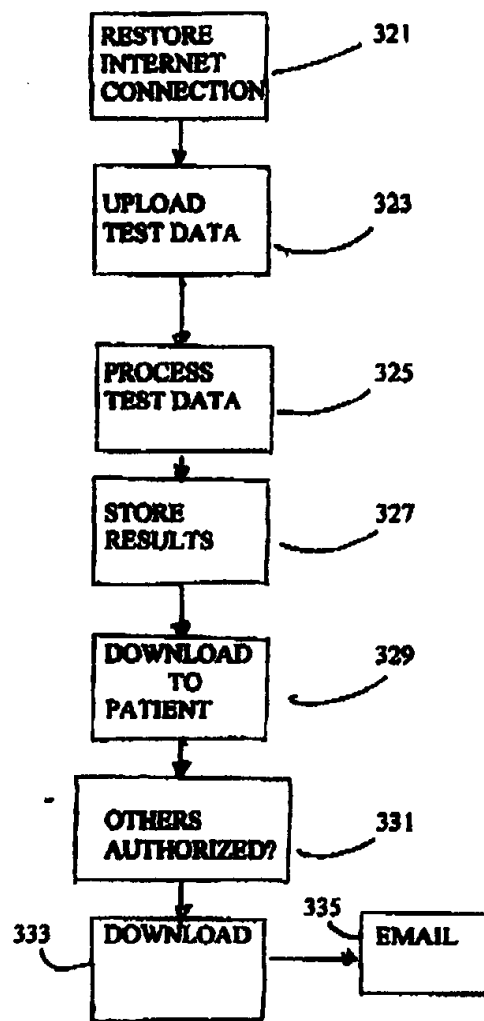


FIG. 3

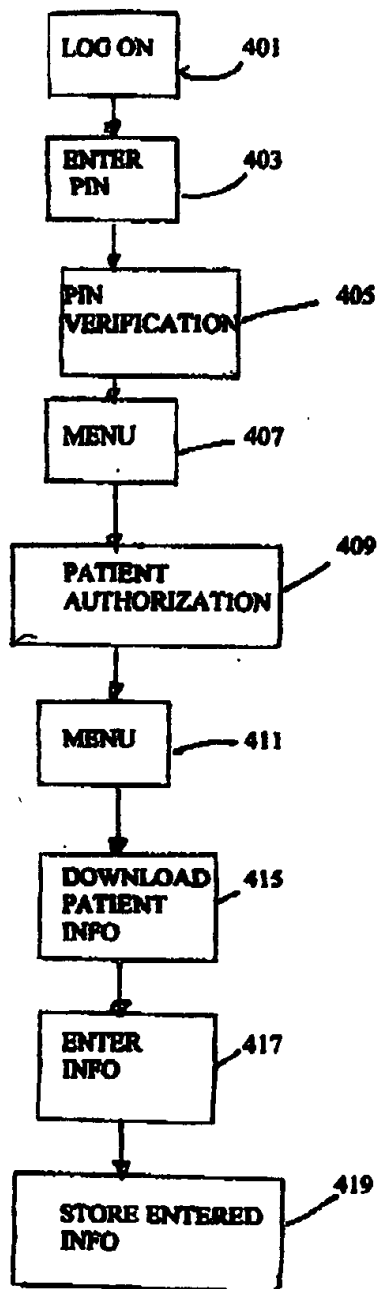


FIG. 4

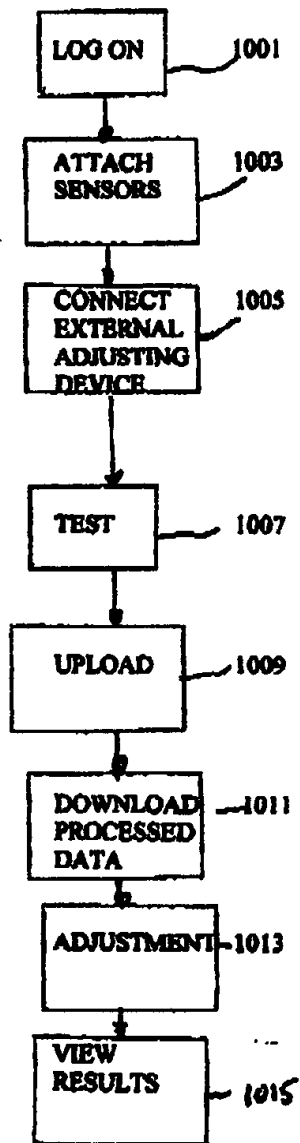


FIG. 10

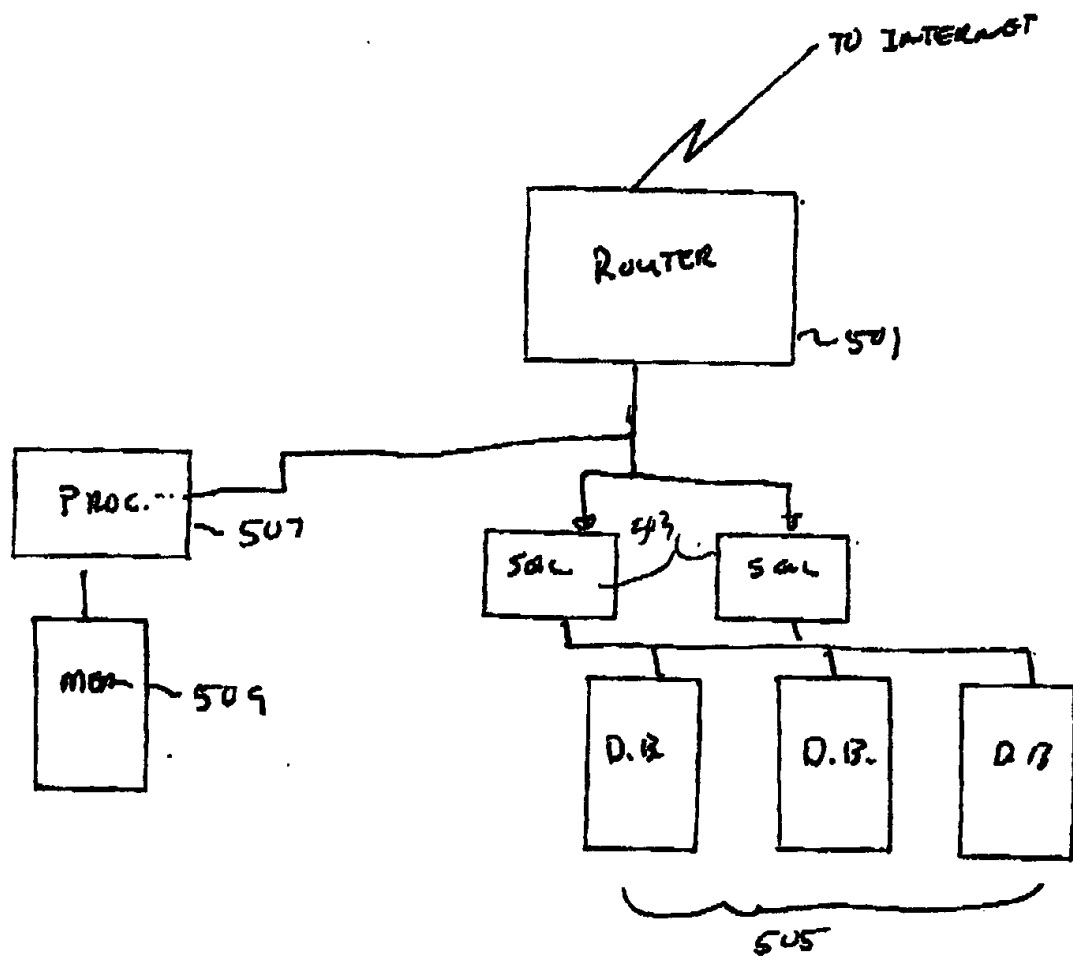


FIG 5

002220-90T5E560

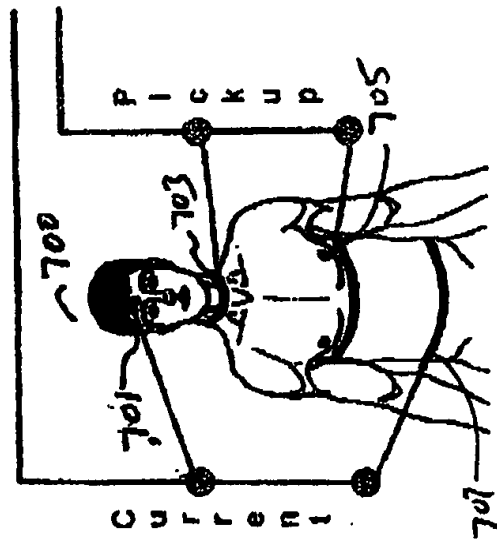
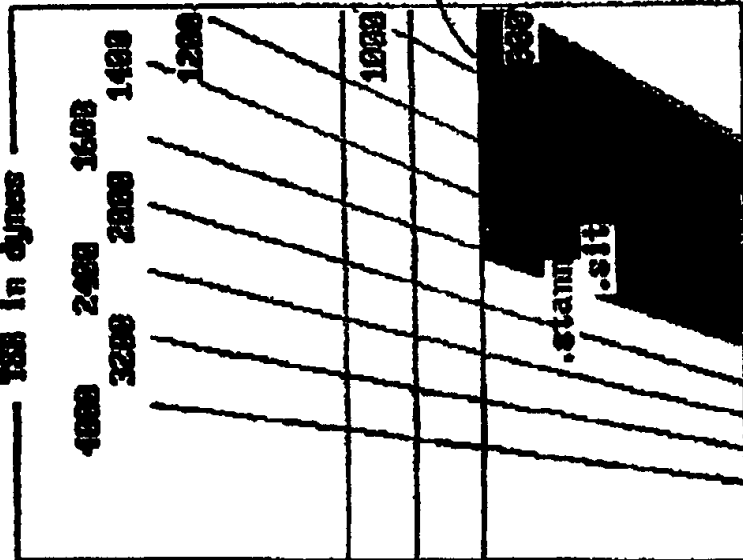


FIG 7

002220-98752560

603
TEST---: CO: MRP: TSP:
stand 3.9 93 1920
stand 3.3 96 2255
sit 4.8 92 1545
sit 4.7 89 1586

Cardiovascular Reactivity
TSP in dynes



| | | | |
|------------|---------------|---------|-----|
| Severe | SYS/DYS MEAN: | 180/180 | 127 |
| Moderate | 240/115 | 157 | 147 |
| Borderline | 270/118 | 147 | 157 |
| | 280/105 | 137 | 127 |
| | 160/95 | 117 | 97 |
| | 140/90 | 107 | 77 |
| | 130/80 | | |
| | 120/70 | | |
| | 110/60 | | |

0 1 2 3 4 5 6 7 8 9 10

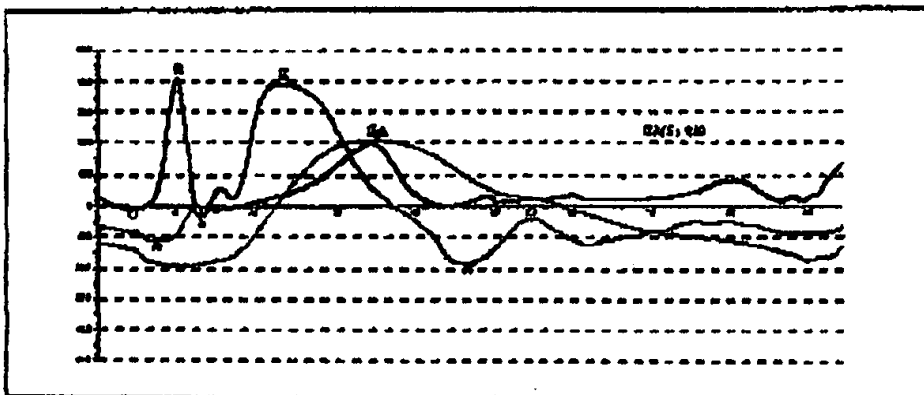
Cardiac Output
83-21-1995 14:08:28

F16.8

| Function: | Norms: | Test: | Diff: |
|--------------------------------|--------|--------|--------|
| Systolic Blood Pressure | 120 | 125 | +5 |
| Diastolic Blood Pressure | 80 | 85 | +5 |
| Mean Blood Pressure | 93 | 98 | +5 |
| Stroke Volume Index | 36.4 | 23.4 | -13 |
| Total Systemic Resistance | 1247.7 | 1804.6 | +556.9 |
| Cardiac Index | 2.8 | 2.1 | -.7 |
| Heart Rate | 77 | 88 | +11 |
| Vascular Rigidity | 1.10 | 1.71 | +61 |
| Mean Systolic Ejection Rate | 131.5 | 62.7 | -68.8 |
| Stroke Work Index | 46.2 | 31.3 | -14.9 |
| Left Ventricular Ejection Time | .277 | .373 | +.96 |
| Pre-Ejection Period | .115 | .055 | -.60 |
| PLR = PEP/LVET Ratio | .417 | .146 | -.271 |
| Heather Index | n/a | 5.9 | n/a |
| DZDT (First Derivative of ZO) | 1.93 | .99 | -.94 |
| ZO (Trans-thoracic Impedance) | 26.5 | 25.9 | +.6 |
| Stroke Volume | 77.5 | 49.8 | -27.7 |
| Cardiac Output | 6.0 | 4.4 | -1.6 |

• • •

Male 55 years old - Jim Smith - Test Date 01-01-2000



| Major Functions | NORMS | TEST RESULTS | DIFFERENCE |
|-----------------|--------|--------------|------------|
| Cardiac Output | 6.0 | 4.4 | -1.6 |
| TSR | 1247.7 | 1804.8 | 556.9 |
| Stroke Volume | 77.5 | 49.8 | -27.7 |

SAMPLE - PERFORMANCE REPORT

Supine LZo ratio is normal at 104%. Supine stroke volume index is low at 23.4 with mildly increased TSR of 1804. The heart rate and blood pressure remain relatively unchanged. These findings indicate the patient is on the ascending limb of the Starling curve and no further modification in current therapeutic regimen is necessary at this time.

F16, 11

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